

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	279	(375/149 375/150).ccls. and correlat\$3 with (mid adj amble midamble sync sync adj2 word \$1 preamble training adj (symbol\$1 pattern\$1 sequence \$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 16:38
L2	56	1 and (dividing divide splitting split separat\$3 partition apportion partition) with (mid adj amble midamble sync sync adj2 word\$1 preamble training adj (symbol\$1 pattern\$1 sequence\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 16:39
L3	27	2 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 16:39
S1	31	375/149.ccls. and synchronization adj tracking	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:21
S2	0	S1 and midamble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:21
S3	0	S1 and mid adj amble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:22
S4	27	S1 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:23

S5	24	S4 and (correlation auto adj correlation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:24
S6	1	S4 and (correlation auto adj correlation) with (preamble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:24
S7	12	375/367.ccls. and synchronization adj tracking	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:25
S8	1	S7 and midamble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:26
S9	0	S7 and dividing with (midamblepreamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:27
S10	0	S7 and dividing with (midamble preamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:27
S11	250	dividing with (midamble preamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:27
S12	72	S11 and correlat\$3 with (preamble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:28
S13	21	S12 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:28

S14	356	local adj time adj base	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:34
S15	1	S13 and local adj time adj base	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:34
S16	5980	(liang.in. zhang.in. philips.as.) and (synchronization synchronisation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:36
S17	808	(liang.in. zhang.in. philips.as.) and (synchronization synchronisation).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:36
S18	6	S17 and midamble.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:37
S19	0	synchroniztion and midamble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:39
S20	491	synchronization and midamble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:39
S21	24	S20 and (dividing detect\$3) with (midamble and part\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:41
S22	11	S21 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:41

S23	6	S22 and correlat\$3 with (midamble part\$1 section\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 10:41
S24	5	S23 and (divid\$3 splitt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 11:29
S25	1	S23 and (divid\$3 splitt\$3) with (midamble preamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 11:30
S26	19	(375/142.ccls. 375/347.ccls.) and (divid\$3 splitt\$3) with (midamble preamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 11:30
S27	34	(375/142.ccls. 375/347.ccls. 375/354.ccls.) and (divid\$3 splitt\$3) with (midamble preamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 11:31
S28	19	S27 and (synchronization synchronisation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 11:31
S29	9	S28 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 11:31
S30	3571	tdd and (synchronization synchronisation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 11:47
S31	68	S30 and (splitt\$3 divid\$3) with (preamble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 11:47

S32	17	S31 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 11:47
S33	6	S32 and (correlat\$3) with (preamble\$1 midamble\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 11:48
S34	48	(375/145.ccls. 375/e1.017. ccls. 375/e1.037.ccls.) and (correlat\$3) with (preamble\$1 midamble\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 11:54
S35	7	S34 and (divid\$3 splitt\$3) with (preamble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 11:55
S36	3	S35 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 11:55
S37	7	"0064113"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 16:18
S38	0	sub adj midamble\$1 and synchronization	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 16:24
S39	2	"2002172187"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 16:33
S40	9	"2371725"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 16:34

S41	2	"5761211".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 16:35
S42	1932	375/224.ccls. 375/226.ccls. 375/371.ccls. and peak\$1 with correlat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 16:37
S43	67	(375/224.ccls. 375/226.ccls. 375/371.ccls.) and peak\$1 with correlat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 16:37
S44	19	S43 and (preamble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 16:38
S45	10	S44 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 16:38
S46	3	S45 and ((splitt\$3 divid\$3 section) with (midamble preamble) sub adj (preamble midamble))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 16:39
S47	3	(714/704.ccls. 714/707.ccls.) and peak\$1 with correlat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 16:43
S48	5	("20010033614"   "5867478"   "6304618"   "6370182"   "6707864").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/09 16:47

S49	50	(US-20060227853-\$ or US-20080310455-\$ or US-20030181183-\$ or US-20050075125-\$ or US-20050153721-\$ or US-20060140257-\$ or US-20060166688-\$ or US-20070098116-\$ or US-20070133611-\$ or US-20020060996-\$ or US-20020196766-\$ or US-20030117980-\$ or US-20030156672-\$ or US-20040170239-\$ or US-20020061005-\$ or US-20060013151-\$ or US-20050276357-\$ or US-20050286613-\$ or US-20060087997-\$ or US-20080205555-\$ or US-20080046800-\$ or US-20080253279-\$ or US-20040110508-\$ or US-20050003929-\$ or US-20080316090-\$).did. or (US-6385268-\$ or US-6400754-\$ or US-7286841-\$ or US-7466684-\$ or US-6078607-\$ or US-6563856-\$ or US-6567374-\$ or US-6684079-\$ or US-6850582-\$ or US-6934245-\$ or US-7082108-\$ or US-7200124-\$ or US-7346138-\$ or US-5818371-\$ or US-7272166-\$ or US-7433387-\$ or US-4467291-\$ or US-4457003-\$ or US-5305086-\$ or US-6371923-\$ or US-7139654-\$ or US-6438173-\$ or US-6690658-\$ or US-6728297-\$ or US-6760365-\$).did.	US-PGPUB; USPAT	OR	ON	2009/01/09 16:53
S50	40	S49 and (midamble preamble postamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 16:53
S51	5	S50 and (dividing splitting section\$3) with (midamble preamble postamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 16:54

S52	3	S51 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 16:54
S53	83	(dividing splitting section\$3) adj3 training adj sequence\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 17:01
S54	44	S53 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 17:01
S55	8	S54 and correlat\$3 with training adj sequence\$1 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 17:01
S56	8	S54 and correlat\$3 with training adj sequence\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 17:01
S57	2	"20050197160"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:24
S58	1	"20050197160" and synchronization	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:25
S59	3	"7006840".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 16:45



S60	12	("20030142764"   "20030153360"   "20030179698"   "20030210750"   "20040057506"   "20040071198"   "20040114560"   "20040184570"   "20040190603"   "20040252668"   "6650694"   "6650698").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 16:49
S61	0	S60 and midamble with correlat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 16:50
S62	157	midamble with correlat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 16:50
S63	60	S62 and @ad<="20021230"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 16:51
S64	8	S63 and frame adj (synchronization synchronization)	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 16:51
S65	34	S63 and (frame adj synchronization (synchronization))	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 16:51
S66	9	S65 and (splitting divid\$3 separat\$3) with midamble	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 16:52
S67	2	"20050197160"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/29 11:10
S68	26322	Bultan.in. correlator\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/29 11:13
S69	28	Bultan.in. and correlator\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/29 11:14
S70	9	S69 and (mid adj amble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/29 11:15

S71	9	S70 and midamble with correlat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/29 11:18
S72	12	("20030142764"   "20030153360"   "20030179698"   "20030210750"   "20040057506"   "20040071198"   "20040114560"   "20040184570"   "20040190603"   "20040252668"   "6650694"   "6650698").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/29 11:27
S73	2	"20050197160"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:18
S74	6	(interdigital.as. bultan.in. haim. in. grieco.in. ) and mid adj amble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:22
S75	3	"7006840".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:27
S76	12	("20030142764"   "20030153360"   "20030179698"   "20030210750"   "20040057506"   "20040071198"   "20040114560"   "20040184570"   "20040190603"   "20040252668"   "6650694"   "6650698").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 13:33
S77	1	S76 and (mid adj amble midamble)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 13:34
S78	1	S76 and (mid adj amble midamble)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 13:34
S79	25	frame adj (tracking synchronization) with (mid adj amble midamble)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/05 13:36

S80	9	S79 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:36
S81	1	S79 and (dividing splitting) with (mid adj amble midamble)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/05 13:37
S82	696	(mid adj amble midamble) and (track\$3 synchronization synchronizing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/05 13:39
S83	19	S82 and (dividing separating splitting) with (mid adj amble midamble)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/05 13:39
S84	7	S83 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:39
S85	3219	(dividing divide splitting split separat\$3 partition apportion partition) with (mid adj amble midamble preamble training adj (symbol\$1 pattern\$1 sequence\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:52
S86	1098	S85 and correlat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:53
S87	562	S85 and correlat\$3 with (mid adj amble midamble preamble training adj (symbol\$1 pattern \$1 sequence\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:54
S88	7	S84 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:54
S89	240	S87 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:54

S90	95	S89 and (threshold peak) with detect\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:54
S91	75	S90 and (frame adj synchronization tracking synchronization)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:55
S92	243	(dividing divide splitting split separat\$3 partition apportion partition) with (mid adj amble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 14:17
S93	127	S92 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 14:51
S94	24	S93 and correlat\$3 with (mid adj amble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 14:55
S95	47	(synchronization tracking) and (spilting split dividing divide) with (mid adj amble training adj sequence\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 15:05
S96	18	S95 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 15:05
S97	129	(spilting split dividing divide) with (mid adj amble training adj sequence\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 15:19
S98	52	S97 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 15:20

S99	13	S98 and correlat\$3 with (mid adj amble training adj sequence\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 15:20
S100	3	"20030223514"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 17:15
S101	2	"20050197160"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/07 13:47
S102	3	"7006840".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/07 13:48
S103	12	("20030142764"   "20030153360"   "20030179698"   "20030210750"   "20040057506"   "20040071198"   "20040114560"   "20040184570"   "20040190603"   "20040252668"   "6650694"   "6650698").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/07 13:49
S104	12865	liang.in. zhang.in. and (mid adj amble midamble)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/07 13:53
S105	28	(liang.in. zhang.in.) and (mid adj amble midamble)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/07 13:53
S106	15	S105 and correlat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/07 13:53
S107	2	S106 and (mid adj amble midamble).clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/07 13:56
S108	19	(375/124.ccls. 375/354.ccls. 375/e1.016.ccls.) and (mid adj amble midamble)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/07 13:58
S109	1387	(splitting dividing) with (pilot pilot adj sequence)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/07 14:02

S110	145	S109 and correlat\$3 with (pilot pilot adj sequence\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/07 14:03
S111	26	S110 and (compar\$3 detect \$3) with (magnitude amplitude)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/07 14:03
S112	13	S111 and @ad<="20021230"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/07 14:04
S113	42	(455/502.ccls. 455/561.ccls.) and (mid adj amble midamble)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/07 14:16
S114	15	S113 and @ad<="20021230"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/07 14:16
S115	0	S114 and (splitting dividing) with (mid adj amble midamble)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/02/07 14:17
S116	8558	(375/140 375/145 375/147 375/149 375/150 375/343). ccls. (dividing divide splitting split separat\$3 partition apportion partition) with (mid adj amble midamble preamble training adj (symbol\$1 pattern \$1 sequence\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 14:46
S117	5396	(375/140 375/145 375/147 375/149 375/150 375/343). ccls. (dividing divide splitting split separat\$3 partition apportion partition) near4 (mid adj amble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 14:47
S118	89	S117 and (auto adj correlation correlation) same (mid adj amble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 14:48
S119	42	S118 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 14:49
S121	5	S119 and (amplitude\$1 magnitude\$1) near4 peak\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 14:51
S122	2	(US-6078607-\$ or US-7110781-\$).did.	USPAT	OR	ON	2009/07/25 14:52

S124	6	(liang.in. zhang.in. philips.as.) and (midamble and synchronization).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 14:55
S126	15	(375/140 375/145 375/147 375/149 375/150 375/343). ccls. and (dividing divide splitting split separat\$3) near4 (mid adj amble midamble) and correlat\$ same (mid adj amble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:01
S127	5	S126 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:01
S128	0	(342/357.01 342/357.02 342/357.06).ccls. and (dividing divide splitting split separat\$3) near4 (mid adj amble midamble) and correlat\$ same (mid adj amble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:02
S129	60	(dividing divide splitting split separat\$3) near4 (mid adj amble midamble) and correlat \$ same (mid adj amble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:03
S130	29	S129 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:03
S131	8	S130 and (mid adj amble midamble) near3 (part\$3 section\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:04
S132	0	(701/207).ccls. and (dividing divide splitting split separat\$3) near4 (mid adj amble midamble) and correlat\$ same (mid adj amble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:13
S133	2	dual adj direction adj channel adj estimator.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:17

S134	8	("5065411"   "5293401"   "5303226"   "5633860"   "5903610"   "5995499"   "6330294"   "6418175").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/25 15:20
S135	2	"20050197160"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:22
S136	3	"7006840".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:27
S137	0	"method for channel estimation in a tdma mobile radio telephone system".ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:45
S138	0	"method for channel estimation ".ti. and siemens. as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:46
S139	0	"method for channel estimation".ti. and siemens.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:46
S140	0	"method for channel estimation".ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:46
S141	1786	"channel estimation".ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:47
S142	63	" channel estimation ".ti. and siemens.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:47



S143	4	S142 and bahrenburg.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:47
S144	50	(partition\$3 split\$3 divid\$3) near3 (mid adj amble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:51
S145	14	S144 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:51
S146	2	"5761211".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:55
S147	2	"2002172187"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:57
S148	213	shalvi.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:58
S149	0	shalvi.in. and @pd="20011121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:58
S150	96	shalvi.in. and @pd<="20011121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:59
S151	2	shalvi.in. and @pd="20021121"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 15:59

S152	0	giancoia.in. and torrance.in. and (rake adj receiver and correlators).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 16:03
S153	0	giancoia.in. and torrance.in. and (rake adj receiver).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 16:03
S154	2	(giancoia.in. torrance.in.) and (rake adj receiver).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 16:03
S155	0	(giancoia.in. torrance.in.) and (rake adj receiver).ti. and midamble	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 16:03
S156	0	455/502.ccls. and (partition\$3 split\$3 divid\$3) near3 (mid adj amble midamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/25 16:50
S157	48	(370/503 370/509 370/512 370/514 370/520 370/522 370/528 370/526).ccls. and (dividing divide splitting split) with ((mid adj amble midamble preamble training adj (symbol\$1 pattern\$1 sequence\$1) (synchronization sync) near2 (bit\$1 symbol\$1 word\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 21:48
S158	40	S157 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 21:48
S159	16	S158 and correlat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 21:50

S160	68	(375/343 275/355 375/371 375/362 375/363 375/364 375/365 375/366 375/367). ccls. and (dividing divide splitting split) with ((mid adj amble midamble preamble training adj (symbol\$1 pattern \$1 sequence\$1) (synchronization sync) near2 (bit\$1 symbol\$1 word\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 21:57
S161	45	S160 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 21:57
S162	20	S161 and correlat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 21:58
S163	77	(370/58.1 370/77 370/95.3 370/280 370/294 370/314 370/321 370/478 370/915 370/320 370/335 370/342 370/441).ccls. and (dividing divide splitting split) with ((mid adj amble midamble preamble training adj (symbol \$1 pattern\$1 sequence\$1) (synchronization sync) near2 (bit\$1 symbol\$1 word\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 22:05
S164	22	S163 and correlat\$3 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 22:06
S165	50	(US-20060227853-\$ or US-20080310455-\$ or US-20030181183-\$ or US-20050075125-\$ or US-20050153721-\$ or US-20060140257-\$ or US-20060166688-\$ or US-20070098116-\$ or US-20070133611-\$ or US-20020060996-\$ or US-20020196766-\$ or US-20030117980-\$ or US-20030156672-\$ or US-20040170239-\$ or US-20020061005-\$ or US-20060013151-\$ or US-20050276357-\$ or US-20050286613-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/07/28 22:24

		20060087997-\$ or US- 20080205555-\$ or US- 20080046800-\$ or US- 20080253279-\$ or US- 20040110508-\$ or US- 20050003929-\$ or US- 20080316090-\$).did. or (US- 6385268-\$ or US-6400754-\$ or US-7286841-\$ or US- 7466684-\$ or US-6078607-\$ or US-6563856-\$ or US- 6567374-\$ or US-6684079-\$ or US-6850582-\$ or US- 6934245-\$ or US-7082108-\$ or US-7200124-\$ or US- 7346138-\$ or US-5818371-\$ or US-7272166-\$ or US- 7433387-\$ or US-4467291-\$ or US-4457003-\$ or US- 5305086-\$ or US-6371923-\$ or US-7139654-\$ or US- 6438173-\$ or US-6690658-\$ or US-6728297-\$ or US- 6760365-\$).did.				
S166	5	S165 and (dividing divide splitting split) with ((mid adj amble midamble preamble training adj (symbol\$1 pattern \$1 sequence\$1) (synchronization sync) near2 (bit\$1 symbol\$1 word\$1)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/07/28 22:24
S167	5	Bultan.in. and (dividing divide splitting split separat\$3 partition apportion partition) with (mid adj amble midamble preamble training adj (symbol \$1 pattern\$1 sequence\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 15:59
S168	0	S167 and correlat\$3 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:00
S169	13	("20030142764"   "20030153360"   "20030179698"   "20030210750"   "20040057506"   "20040071198"   "20040114560"   "20040184570"   "20040190603"   "20040252668"   "20040264415"   "6650694"   "6650698").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/12/12 16:03

S170	0	S169 and (dividing divide splitting split separat\$3 partition apportion partition) with (mid adj amble midamble preamble training adj (symbol\$1 pattern\$1 sequence\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:05
S171	3707	(dividing divide splitting split separat\$3 partition apportion partition) with (mid adj amble midamble preamble training adj (symbol\$1 pattern\$1 sequence\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:05
S172	1579	S171 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:06
S173	657	S171 and correlat\$3 with (mid adj amble midamble preamble training adj (symbol\$1 pattern\$1 sequence\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:06
S174	243	S173 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:07
S175	494	S171 and correlat\$3 with (mid adj amble midamble preamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:08
S176	172	S175 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:08
S177	12	(divid\$3 split\$4) near2 midamble and correlat\$3 same midamble near2 (part\$1 sequence\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:14
S178	5	S177 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:14

S179	3	(375/142 375/354).ccls. and (divid\$3 split\$4) near2 midamble and correlat\$3 same midamble near2 (part\$1 sequence\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:20
S180	6	(370/321 370/320 370/335 370/337 370/342 370/347 370/441 370/442).ccls. and (divid\$3 split\$4) near2 midamble and correlat\$3 same midamble near2 (part\$1 sequence\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:27
S181	4	S180 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:27
S182	0	(375/377).ccls. and (divid\$3 split\$4) near2 midamble and correlat\$3 same midamble near2 (part\$1 sequence\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:35
S183	3	(liang.in. zhang.in. philips.as.) and (divid\$3 split\$4) near2 midamble and correlat\$3 same midamble near2 (part\$1 sequence\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:39
S184	0	(375/343 275/355 375/371 375/362 375/363 375/364 375/365 375/366 375/367).ccls. and (divid\$3 split\$4) near2 midamble and correlat\$3 same midamble near2 (part\$1 sequence\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/12 16:42
S185	64	(375/365 375/366).ccls. and (dividing divide splitting split separat\$3 partition apportion partition) with (mid adj amble midamble sync sync adj2 word \$1 preamble training adj (symbol\$1 pattern\$1 sequence \$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 16:18
S186	56	S185 and @ad<="20021230"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 16:18

S187	5	S186 and correlat\$3 with (mid adj amble midamble preamble)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 16:19
S188	13	S186 and correlat\$3 with (mid adj amble midamble sync sync adj2 word\$1 preamble training adj (symbol\$1 pattern\$1 sequence\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/12/15 16:19

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